PTO-1390 (Rev. 02-2005) pproved for use through 3/31/2007, OMB 0651-0021

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a policy in the paperwork Reduction Act of 1995, no persons are required to respond to a policy in the paperwork Reduction Act of 1995, no persons are required to respond to a policy in the paperwork Reduction Act of 1995, no persons are required to respond to a policy in the paperwork Reduction Act of 1995, no persons are required to respond to a policy in the paperwork Reduction Act of 1995, no persons are required to respond to a policy in the paperwork Reduction Act of 1995, no persons are required to respond to a policy in the paperwork Reduction Act of 1995, no persons are required to respond to a policy in the paperwork Reduction Act of 1995, no persons are required to respond to a policy in the paperwork Reduction Act of 1995, no persons are required to respond to a policy in the paperwork Reduction Act of 1995, no persons are required to respond to a policy in the paperwork Reduction Act of 1995, no persons are required to respond to a policy in the paper which it is a policy in the paper which is a policy in the paper which it is a policy in the paper which is a policy in the paper which it is a policy in the paper which it is a polic

TRANSMITTAL LETTER TO THE UNITED STATES **DESIGNATED/ELECTED OFFICE (DO/EO/US)**

ATTORNEY'S DOCKET NUMBER 2003IT303

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DAT PCT/IB2004/002520 29 July 2004 05 August 2003 TITLE OF INVENTION Process For Preparing 2',3'-Didehydro-2',3'-Dideoxynucleosides And 2',3'-Dideoxynucleosides APPLICANT(S) FOR DO/EO/US Giorgio BERTOLINI, Patrizia CASTOLDI, Maurizio DELEO, Marco FRIGERIO and Maurizio VELATI Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). 6. X An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). 7. X Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). An English language translation of the annexes of the International Preliminary Examination Report under PCT 10. Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. [X] An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. X An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. A preliminary amendment. An Application Data Sheet under 37 CFR 1.76. A substitute specification. A power of attorney and/or change of address letter. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burdon should be sent to the Chief Information. of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Page 1 of 2

A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

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A second copy of the published International Application under 35 U.S.C. 154(d)(4).

Other items or information:

PTO-1390 (Rev. 02-2005)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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U.Ş. APPLICAT	S. APPLICATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO.			PPLICATION NO.	ATTORNEY'S DOCKET NUMBER	
10/567696 PCT/IB2004/002520				2003IT303		
The following fees have been submitted					CALCULATIONS	PTO USE ONLY
21. X Basic national fee\$300					\$ 300.00	
22. X Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)					\$ 200.00	
23. X Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority					400.00	
TOTAL OF 21, 22 and 23 =					\$ 900.00	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.						
Total Sheets	Extra Sheets	thereof (round	h additional 50 or fraction up to a whole number)	RATE		
17 - 100 =	- 83 _{/50 =}			× \$250	\$ 0.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).					\$ 0.00	
CLAIMS NUMB		BER FILED	NUMBER EXTRA	RATE	\$	
Total claims		16 - 20 =	0	x \$50	\$ 0.00	
Independent clair	ms	1 -3=	0	x \$200	\$ 0.00	
MULTIPLE DEPENDENT CLAIM(S		S) (if applicable)	· ·	+ \$360	\$ 0.00	
TOTAL OF ABOVE CALCULATIONS =					\$ 900.00	
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					0.00	
SUBTOTAL =					\$ 900.00	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).					\$ 0.00	
TOTAL NATIONAL FEE =					\$ 900.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +					\$ 40.00	
TOTAL FEES ENCLOSED =					\$	940.00
					Amount to be refunded:	\$
					Amount to be charged:	\$
a. A check in the amount of \$ to cover the above fees is enclosed.						
b. X Please charge my Deposit Account No. 03-2060 in the amount of \$ 940.00 to cover the above fees. A duplicate copy of this sheet is enclosed.						
c. X The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-2060 . A duplicate copy of this sheet is enclosed.						
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.						
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.						
SEND ALL CORRESPONDENCE TO:						
Richard P. Silverman					Xil	
Clariant Corporation					•	
Intellectual Property Law Department Richard P. S					ilverman	
4000 Monroe Road CUSTOMED NO 25 255 2627						
Charlotte, NC 28205 CUSTOMER NO. 25,255 36,277 REGISTRATIO					ON NUMBER	

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IAP9 Rec'd PCT/PTO 53 FEB 2006 Attorney's Docket No. 2003IT303

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATION UNDER 37 CFR 1.10

Express Mail Label Number ED 794108325 US

Date of Mailing: February 3, 2006

I hereby certify that on the date indicated above this International application and the documents referred to as enclosed therein, of:

- CERTIFICATION UNDER 37 CFR 1.10 (Express Mail) (1 page)
- TRANSMITTAL LETTER TO THE DO/EO/US (3 pages) w/ duplicate (6 pages)
- Executed Assignment with Transmittal Letter (2 pages)
- Copy of International Search Report (2 pages)
- Preliminary Amendment & Abstract (9 pages)
- Copy of the International Application as filed (17 PAGES SPECIFICATION, claims & Abstract) (claims 12 in number)
- Executed Declaration and Power of Attorney (3 pages)
- Information Disclosure Statement with Certificate of Mailing (2 pages)
- PTO/SB/08A and PTO/SB/08B (1 page)
- References (1 reference) plus PCT Search Report PCT/IB2004/002520
- Postage pre-paid Postcard Receipt

Inventors: Giorgio BERTOLINI

Patrizia CASTOLDI Maurizio DELEO Marco FRIGERIO Maurizio VELATI

For:

Process For Preparing 2',3'-Didehydro-2',3'-Dideoxynucleosides

And 2',3'-Dideoxynucleosides

International Application No.: PCT/IB2004/002520

International Filing Date: 29 July 2004
Priority Filing Date: 05 August 2003

is being deposited with the United States Postal Service as "Post Office to Addressee" Express Mail addressed to the Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, Mail Stop:, in accordance with 37 CFR 1.10.

Vicki I Saro

CUSTOMER NO. 25,255